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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/775,477
		Filing Date	February 2, 2001
		First Named Inventor	Esin Terzioglu et al.
		Group Art Unit	2824
		Examiner Name	A. Tran
		Attorney Docket Number	13441US02
Total Number of Pages in This Submission		4	

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO 1449/08A with references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) (sheets) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return receipt postcard
Remarks		The Commissioner is authorized to charge any underpayment or credit any overpayment with regard to this transation to Deposit Account 13-0017.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Ronald E. Larson, Esq. McAndrews Held & Malloy, Ltd.
Signature	<i>Ronald E. Larson</i>
Date	September 24, 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Sept. 24, 2003			
Name (Print/type)	Ronald E. Larson	Registration No. (Attorney/Agent)	24,478
Signature	<i>Ronald E. Larson</i>	Date	Sept. 24, 2003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Cas No. 13441US02

PATENT

*Election
#11
10/1/03*

In the Application of:

ESIN TERZIOGLU et al. ✓

Serial No.: 09/775,477 ✓

Filed: February 2, 2001

For: MEMORY MODULE WITH
HIERARCHICAL FUNCTIONALITY

Examiner: Andrew Q. Tran

Group Art Unit: 2824

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By: Ronald E. Larson
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Reg. No. 24,478

RESPONSE A

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Dear Sir:

In response to the Office Action dated August 25, 2003, kindly consider the
following remarks:

REMARKS

Responding to the second full paragraph on page 2 of the Office Action, the Examiner's statement that this application contains claims directed to patentably distinct species of the claimed invention shown in various drawings is respectfully traversed. At least Figures 1-7 and 12-14 illustrate embodiments of a memory module with hierarchal functionality, and the remaining drawings illustrate embodiments showing more details of the embodiments shown in Figures 1-7 and 12-14.

Claims 1-64 are limited to a memory module that are generic to the various drawing Figures. Many of dependent claims 2-64 also recite elements for a hierarchical memory.

Each of claims 65-219 is limited to hierarchical memory structure or method steps involving memory hierarchical functionality. As a result, each of claims 65-219 is generic to each of the drawing figures.

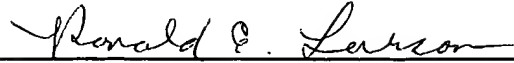
In summary, each of claims 1-219 is generic to the various drawing Figures.

Responding to the request for an election of species and claims readable thereon, the applicants elect with traverse claims 1-64 that are readable on several of the drawing Figures. Since claims 2-64 each are dependent on claim 1, claim 1 necessarily is generic to claims 1-64. As a result, claims 1-64 are properly grouped together for examination.

In summary, each of claims 1, 3-9, 17-22 and 24-219 is allowable, and such action is respectfully requested.

Date: September 24, 2003

Respectfully submitted,

A handwritten signature in cursive script, reading "Ronald E. Larson", is positioned above a horizontal line.

Ronald E. Larson

Reg. No. 24,478

Attorney for Applicants

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